

IN THE CLAIMS

Please cancel claims 1, 2, 3, 4, 11, 12, 13, 14, 15, 19, and 20. Please amend claims 21 and 28. Please add new claims 29-33.

1-4. (Currently Canceled)

5-10 (Previously Canceled)

11-15 (Currently Canceled)

16-18 (Previously Canceled)

19. (Currently Canceled)

20. (Currently Canceled)

21. (Currently Amended) A barrier laminate comprising:

a paperboard substrate having a first surface and a second surface, the second surface being opposite the first surface, said second surface being adjacent a plurality of extruded polymer layers;

a heat sealable layer of a polyolefin comprising one of said plurality of extruded polymer layers and containing between about 20% to about 35% of an essential oil scalping reducer comprising an inorganic additive;

a first water vapor barrier layer comprising one of said plurality of extruded polymer layers and having an effective amount of a water vapor transmission rate reducing inorganic additive; and,

a second water vapor barrier layer comprising one of said plurality of extruded polymer layers, said second barrier layer further comprising an effective water vapor transmission rate reducing amount of an inorganic additive.

22. (Previously Canceled)

23. (Original) The barrier laminate according to claim 21 wherein said plurality of extruded polymer layers further comprises a third barrier layer comprising an effective water vapor transmission rate reducing amount of an inorganic additive.

24. (Original) The barrier laminate according to claim 21 wherein at least one of said water vapor barrier layers and said second water vapor barrier layers is an adhesive tie layer.

25-27 (Previously Canceled)

28. (Currently Amended) A carton filled with a juice beverage constructed according to a barrier laminate comprising:

a paperboard substrate having a first surface and a second surface, the second surface being opposite the first surface; and,

a first barrier layer extrusion coated as an outermost layer along said first surface, said barrier layer further comprising between about 20% to about 35% by weight of an essential oil anti-scalping additive[.] ;

a second barrier layer comprising an extruded polymer layer having an effective amount of a water vapor transmission rate reducing inorganic additive, said first water vapor barrier layer positioned between said paperboard substrate and said first barrier layer; and,

a third barrier layer positioned between said paperboard substrate and said second barrier layer, said third barrier layer comprising an effective water vapor transmission rate reducing amount of an inorganic additive.

29. (New) The barrier laminate according to claim 21 wherein said inorganic additive is calcium carbonate.

30. (New) The barrier laminate according to claim 23 wherein said inorganic additive is calcium carbonate.

31. (New) The barrier laminate according to claim 24 wherein said inorganic additive is calcium carbonate.

32. (New) The carton according to claim 28 wherein said essential oil anti-scalping additive is calcium carbonate.

33. (New) The carton according to claim 28 wherein said inorganic additive in at least one of said second and said third barrier layers is calcium carbonate.